IN THE SPECIFICATION:

Kindly amend the paragraph beginning on page 3, line 4, as follows:

According to a ninth aspect of the present invention, each tap of the first FIR filter has a corresponding coefficient W as follows:

W_0 = unity

$$0 < \sum_{1}^{M} W_{-i} + W_o + \sum_{1}^{n} W_i << 1, \text{ and}$$

-1 [[<<]] $\leq W_1, \ldots W_n$ [[<<]] ≤ 0.

Kindly amend the paragraph beginning on page 4, line 25, as follows:

According to a twenty-ninth aspect of the present invention, each tap of the first FIR filter means has a corresponding coefficient W as follows:

W_0 = unity

$$0 < \sum_{1}^{M} W_{-i} + W_o + \sum_{1}^{n} W_i << 1, \text{ and}$$

-1 [[<<]] $\leq W_1, \ldots W_n$ [[<<]] ≤ 0.

Kindly amend the paragraph beginning on page 8, line 25, as follows:

The selection of the coefficients W is critical in providing the response defined in Fig. 5. To achieve this response, the selection of the coefficients W is critical. The appropriate selection of coefficients $W_1 \ldots W_n$ determines the sharpness of the response, and the appropriate selection of coefficients W_{-m}-W_{-1} effectively cancels the precursor tail. In the present embodiment the coefficients are selected from the following constraints:

W_0 = unity

$$0 < \sum_{1}^{M} W_{-i} + W_o + \sum_{1}^{n} W_i << 1$$

-1 [[<<]] $\leq W_1, \ldots W_n$ [[<<]] ≤ 0,

in the preferred embodiment

$W_0=1$

$W_{-1}=-0.1$

$W_{-1}+W_0+W_1+W_2+W_3=0.1$

$|W_1|>|W_2|>|W_3|$

-1 [[<<]] $\leq W_1, W_2, W_3$ [[<<]] ≤ 0, preferably $W_1=-.35$, $W_2=-.25$, and $W_3=-.20$.